

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 10:47 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 410 Const Calendar Day: 983 Date: 18-May-2012 Friday
Inspector Name: Brignano, Bob Title: Transportation Engineer

Inspection Type:

Shift Hours: Break: Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

| | | | |
|---------------|------|-------|-----------------|
| Temperature | 7 AM | 12 PM | 4 PM |
| Precipitation | | | Condition clear |

Working Day ☒ If no, explain:**Diary:**

Dispute

General Comments

CCO 185 WEST DEVIATION SADDLES HOUSING COVER PLATES:

ABF was scheduled to work on this operation today, but it did not happen due to all the ironworkers previously working at this W2 location being pulled off this operation to instead work on the CCO 247 Cable Band removal and machining elsewhere on the bridge.

ITEM 60 ERECT STRUCTURAL STEEL (BRIDGE)(SADDLE):
WEST DEVIATION SADDLES HOUSING COVER PLATES:

ABF was scheduled to work on this operation today, but it did not happen due to all the ironworkers previously working at this W2 location being pulled off this operation to instead work on the CCO 247 Cable Band removal and machining elsewhere on the bridge.

The neoprene seals for the housing plates are supposed to start arriving today. This will not be all of the neoprene and other pieces will not arrive until next week. Previously, it was thought that they would arrive later, and originally it was thought that they would arrive earlier.

ABF Engineer Levi Gatsos meets with painting subcontractor CCC to go over the necessary paint repair at the saddles. They are scheduled to start work on Monday 5/21/2012. That will only be for the troughs and saddle faces adjacent to the troughs where the housing plates over the troughs will attach. The other surfaces on top of the saddle where the housing plates will cover up the tops of the saddles will need to be painted on a later date because ABF needs to finish the CCO 185 drill and tap work and clean out debris from the upper portions of the saddles.

ITEM 53 ERECT STRUCTURAL STEEL (BRIDGE)(TOWER):
TOWER SPLICE 2, WEST SHAFT, E-FACE:

Yesterday 5/17/2012, 180 bolts were replaced from the E-Face of Splice 2 of the West shaft. Mohammad Awal and I only spent a few minutes yesterday examining the removed bolts before they were taken away by forklift to the recycle bin on the deck, and before the scheduled inspection torque testing of the new bolts. Today, we spend some more time examining bolts from the recycle bin on the OBG deck. We pull a representative sample of a few over-tensioned bolts and a few bolts that were not over-tensioned. We did not examine all bolts to determine how many may have been over-tensioned and only examined them enough to conclude that some were over-tensioned and some were not over-tensioned. Over-tensioned



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bolts were classified as such if the yield neck-down was excessive in the threaded portion under the position of the nut and if the Geomet coating flaked off in that yield neck-down area. Bolts that were not over-tensioned were classified as such if they did not have excessive yield neck-down in the threaded portion under the position of the nut and if the Geomet coating was intact in the thread area.